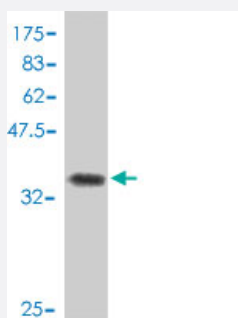# CNOT7 polyclonal antibody (A01)

Catalog #   H00029883-A01   Size   50 uL

Applications

Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CNOT7.
Immunogen	CNOT7 (NP_037486, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	MKKIRQVIRKYNYVAMDTEFPGVVARPIGEFRSNADYQYQLLRCNVDLLKIIQLGLTFMNEQGEYPP GTSTWQFNFKFNLTEDMYAQDSIELLTTSGIQF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  [Protocol Download](#)

- ELISA

Gene Info — CNOT7

Entrez GeneID	[29883](#)
GeneBank Accession#	[NM_013354](#)
Protein Accession#	[NP_037486](#)
Gene Name	CNOT7
Gene Alias	CAF1, hCAF-1
Gene Description	CCR4-NOT transcription complex, subunit 7
Omim ID	[604913](#)
Gene Ontology	[Hyperlink](#)
Gene Summary	The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The protein has both mouse and yeast orthologs. Alternate splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	BTG1 binding factor 1|carbon catabolite repressor protein (CCR4)-associative factor 1

Publication Reference

- [hCAF1/CNOT7 regulates interferon signalling by targeting STAT1.](#)

  Chapat C, Kolytcheff C, Le Romancer M, Auboeuf D, De La Grange P, Chettab K, Sentis S, Corbo L.

  THE EMBO JOURNAL 2013 Mar; 32(5):688.

  Application：WB-IP,IFA, Human, MCF-7 cells

Pathway

- [RNA degradation](#)